

# The Tech

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5 CENTS

## Judcomm Expels Dorm Resident For Violation Of Previous Ruling

In a meeting on Tuesday, February 28, Judicial Committee voted unanimously to recommend to the Dean's Office that Mr. Arthur Aronson be expelled from MIT. A Judcomm decision to expel remains a recommendation until finally acted upon in the President's office. It may be appealed to the Faculty Committee on Student Discipline. In this case, Mr. Aronson did not appeal the decision of the Judicial Committee and was expelled on Friday.

Mr. Aronson was brought before the Committee on the charge that he had willfully violated the decision of the Judicial Committee to expel him from the Dormitory System, effective December 12, 1956. It was the committee's opinion that since that time, Mr. Aronson had been using Baker House in such a manner as to be considered a direct violation of that decision.

However, Judicial Committee indicated that it felt very strongly that a student at M.I.T. has certain responsibilities and that, consistent with this concept, a certain minimum performance of social conduct can be expected from him. With this in mind, a careful review of Mr. Aronson's record since his entrance to M.I.T., the committee reached this decision.

Previous to this time, in addition to a number of incidents in Baker House, Mr. Aronson had been on Dean's Office Pencil from May 2, 1954, to June 30, 1955, for possession of dangerous chemicals and detonation of explosives. He was expelled from the Dormitory System on December 2, 1955. The charge which led to the expulsion of Aronson from the dormitory system was the bombing incident in Baker House of several months ago. Aronson appealed the judgement of Baker Judicial Committee to Dorm Judcomm but the conviction was upheld. Judicial Committee recommended further that, if he so desires, Mr. Aronson will be considered for re-entrance to M.I.T. in September of 1957. Subsequent procedure in this area will be at the discretion of the Administration.

## Fitz Rawls Elected To TCA Presidency

Fitz Rawls '57 was elected to the Presidency of the Technology Christian Association at the Annual elections on Thursday, March 1. He succeeds Warren Briggs '56, whose formal tenure in office will end in late March at the annual installation banquet. Although Rawls has had no formal association with the organization, his prowess in student government was adjudged sufficient qualification for the re-organization which faces TCA in the coming months.

Other officers elected were Travis Amis, III '58, Vice-President in Charge of Services; Harvey Notarius '58, Vice-President—Social Services Division; Robert Phinney '58, Vice-President—Religious Action; Ron Maiden '57, Treasurer; Ralph Schinzel '58, Secretary.

Before the elections, discussion was held regarding the proposal to change the name of the organization from the Technology Christian Association to the Technology Community Association. Although such action requires approval from the TCA Advisory Board in order to become effective, student sentiment was unanimous in approving the new change.

Also approved unanimously was the proposed new constitution, designed to make some changes in the status of the Advisory Board and the procedure for electing new officers.

## Pledge Hazing Limited In IFC Crackdown; Physical, Emotional Hazards Outlawed; Brenner Elected To Council Chairmanship

The Interfraternity Council passed a motion at its meeting last Thursday effectively eliminating any future fraternity hazing which might be dangerous to the pledge or harmful to the name of the Institute. The motion was passed by a two-thirds vote after considerable discussion.

The passed motion stated: "The purpose of pledge training and initiation activities of the fraternities at the Institute is to enrich the life of the individual, especially in his relationship with the group, the fraternity, and MIT.

"In keeping with this goal, we establish the following principles:

"1. No fraternity shall violate the basic principles of good taste, and a fraternity will initiate no activity which will be detrimental to the reputation of the MIT community.

"2. No initiation or pledge training activity shall constitute any physical or emotional hazard to the individual. Such potential hazards include the 'long walk', the quest, dangerous physical exertion or exhaustion, physical violence, paddling, and the 'mock initiation'.

"3. No pledge training or initiation activities will take place outside of the fraternity house with the exception of such functions as a formal initiation banquet or service to the community."

To administer and interpret the motion, the council recommended the formation of a permanent IFC Pledge Training Committee and broadly asked that chapter advisors and members of the faculty and administration, including the counsel-

ing section of the medical department, grant aid wherever possible. The Pledge Training Committee will give advice and assistance to the fraternities and will have the power to recommend changes in the program, subject to review by the IFC. IFC Chairman George Luhrman, who spearheaded the drive toward passing of the motion in what was probably his last important duty in office, stated after the meeting, "I am confident that the newly elected officers will continue the fine work of the IFC, and will effectively carry out the administration of the motion passed."

At the same meeting at which the motion was passed, the council elected its officers for the coming two terms. The offices which were up for election were chairman, secretary, treasurer, and two excomm members at large, all of which combine to make up the council executive committee. Elected were Chairman Michael Brenner '57, Secretary Marty Gerson '57, Treasurer Fritz Herminhouse '57, and Members-at-large Bill Salmon '57 and Bob Jordan '58.

Brenner indicated that the first

move he and the newly elected excomm plans to take in administering the motion is to divide the job to be accomplished into the two main categories of a general evaluation of the pledge training system and the specific solution to the initiation week problem. The first of these will be handled this spring and will be largely based upon discussions between pledge trainers and fraternity leaders and members of the Institute psychiatry staff. Although this is no new innovation in itself, the discussions should be more valuable than those of the past in that specific points will cover as opposed to the general issues to which the talks were limited in the past. The second category will be handled next fall through questionnaires and a special committee which will privately discuss initiation week individually with representatives from each house. Brenner stated, "I am very happy to see that the motion was passed and I and the rest of excomm are completely confident that each house will evaluate and redesign its initiation week practices in accordance with the motion."

## Cousteau Will Give LSC Lecture And Movie "The Silent World"

Captain Jacques Yves Cousteau, the internationally known undersea diver and explorer, will speak in Kresge Auditorium on Tuesday, March 20, at 7:30 p.m. under the auspices of the Lecture Series Committee.

At the same time, his new full length feature film "The Silent World" will be shown openly for the first time in America. It was photographed by Luis Marden of the National Geographic Society in wide-screen color and will soon be released in the U. S.

Since April 1952, The National Geographical Society has been sponsoring Capt. Cousteau in his undersea explorations. In cooperation with the National Geographic magazine he has written many feature articles, including "Fishmen Explore a New World Undersea", and "Fishmen Discover a 2,200 Year Old Ship", which describes the discovery of an ancient Greek trading vessel found almost intact in the Mediterranean Sea. Other articles he has written include "To the Depths of the Sea by Bathyscaphe", written in conjunction with Dr. Jacques Picard, and "Exploring Davy Jones' Locker with Calypso".

Capt. Cousteau's first interest in underwater activities was shown in the skin diving he did during the German occupation off the Southern coasts of France during the Second World War. This inspired him to write his best selling book "The Silent World".

Special underwater cameras and stroboscopic lights have made it possible to film in color the underwater scenes which appear in "The Silent World". It is of note that these instruments, designed to work at depths as great as 15,000 feet, were designed by Professor Edgerton of MIT.

The film has won wide acclaim abroad in its French premiere, and critics are waiting for its release here. The domestic version of "The Silent World" is in English, dubbed by British Technicians in London. James Dugan, Cousteau's associate and author of the book "The Great

Iron Ship", will narrate the film.

Entrance to the lecture and the accompanying motion picture will be by complimentary invitation only. The invitations, each admitting three people, will be sent to members of the MIT family. However, for those who wish to bring additional guests, more invitations may be obtained from Larry Schwartz, Box 23, East Campus.

## All Class Elections Will Be Held Today

As the bulging bulletin boards and the placard carrying campaigners are seen throughout the halls today, one cannot help but know that today class elections are in full swing. Three classes are balloting for the officers of the next two terms along with the fraternity representative to Inscomm contest.

Enthusiasm for these elections has been running high for the past week, the Freshman contest being especially vigorous, with about fifteen candidates competing for the four offices. Issues in this contest include Field Day, actions of the Frosh Council of last term, finances and coming events.

Sophomore elections, although more quiet than their understudies, are just as intense, and mean a great deal, for the elected officers will make up the Class Ring Committee, and the President and Secretary Treasurer will automatically be a part of the Junior Prom Committee. In addition the President of the class will serve as Chairman of the Junior Prom Committee.

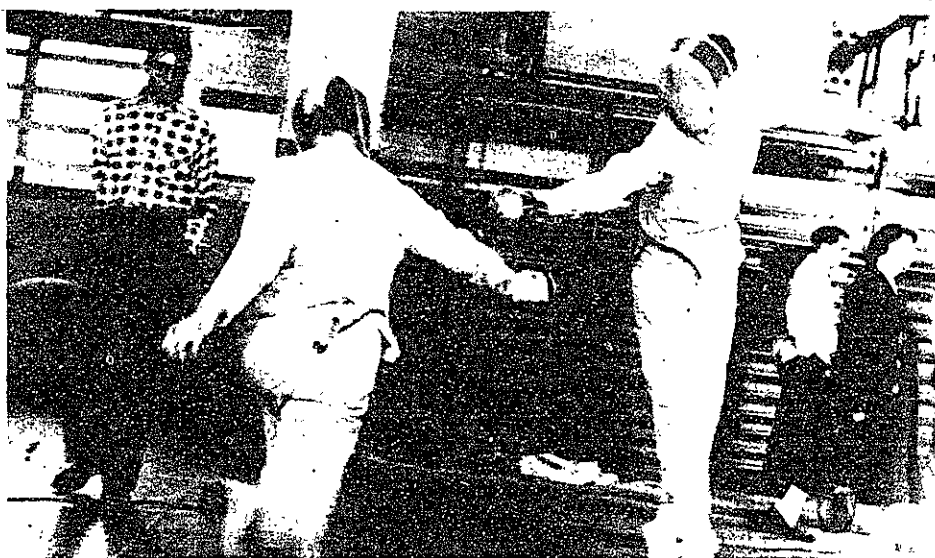
In order to provide more convenience for voters today, three polling places will be available for the balloting instead of the usual two. These polls will be located at the following positions: Building 10 lobby; junction of buildings two, four, and six; and the junction of buildings one, three, and five.

## Beaver Fencers Win New England Title Strawson, Bristol, Levine Are Outstanding

Last Saturday the MIT fencing team took top honors over four other schools in the New England Fencing Tournament. The other teams participating in the tournament, which is held annually here at MIT were Boston University, University of Connecticut, Bradford-Durfee Technological Institute, and Trinity College. Final scores for the teams were MIT 31, BU 29, Trinity 27, UConn. 18, and EDTI 15. As the final tabulation reveals, the real battle took place between the top three schools.

Tech led the meet all the way, except during the noon recess when BU edged the engineers by a point. Nevertheless, the Tech fencers were never able to establish a substantial lead. It was not until the last few minutes of the meet that victory was assured. At the noon recess things were looking dark for the home fencers because of severe sabre losses. Up to this time BU was the main threat. However, that afternoon sabre fencers Hal Miller and Wendyl Reis rallied to take six of their remaining ten matches, and BU sank to third place behind the versatile Trinity team which trailed Tech the rest of the afternoon by never more than one or two points. Finally, in the last stages of the meet BU pulled ahead of Trinity while Tech managed to sustain a two point lead over the second place team.

The most credit for the victory was given to epee fencers Dave Strawson and Ed Bristol. In keeping with their past excellent perfor-



Action in New England Fencing Championships Won by MIT

mances, Strawson won all eight of his matches, while Bristol won all but one of his eight. Excellent performances were also turned in by foilmen Harvey Levine and Jim Wieting. As a team they scored 10 wins with only six losses.

Of the six Tech fencers taking part in the meet, three won high honors in the individual awards. Strawson, with a perfect record, won the first place trophy in the epee division, while Bristol was close behind in second place. Levine tied with Beers of Trinity for first place honors in the foil division. In the play-off to determine who would take the trophy, Levine lost to Beers, whom Levine had beaten in a hard-fought bout earlier in the tournament. The sabre division trophy was taken by

BU fencer Don Lambert, who dropped only one match.

That evening, after all 120 bouts had been completed, team captain Harvey Levine received the permanent team trophy for MIT and Tech's coach, Silvio Vitale was presented with the Rotating Elde Trophy which annually goes to the winner of the New England tournament. This was the first year for Tech to claim the Elde. Last year the Engineers lost the championship to BU by only one point, while the two previous years Trinity had taken the top position.

Next week the fencers will travel to New York to participate in the Easterns. It is hoped that several individuals on the squad will be able to fence in the National Championships immediately following the Easterns.

# The Tech



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ROBERT H. ROSENBAUM '57  
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All Consulting Work by Langford Vicini, Associates.  
Entered as second class matter at the post office  
at Boston, Massachusetts

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## standing room only

### "Djinn and Bitters" Tech Show '56

Kresge Auditorium, MIT; March 1, 2, and 3

Not often does a *confirmed* critic take the opportunity of engaging in "appreciation: the art of criticism after the fact." This pretty well unconfirmed critic will do so herewith, however, and let this review stand as his impressions of the time, talent, and effort that went into Tech Show this year, and quality of the resultant product.

This year, as in years before and since, the curtain went up on a not-quite-ready production; it hurt to see the little things kill the otherwise fine work on opening night. But one bad night, like one bad review, will never kill the magnetic idea of Tech Show, and this year was certainly no exception. The capacity crowds of Friday and Saturday nights watched a much-improved and highly tempered show.

The things that were wrong with Tech Show (and there were some) were fortunately the most excusable. If an audience can ask and get from any cast a sincere, friendly performance, it may be well satisfied; there was very little to be disgruntled about this time.

As a matter of fact, there was more than enough to be most pleased with. Carole Behrens, for whom this was the third Tech Show in as many years, was just what was expected of her, and with Carole, you get quite something. Jack Rosenfeld, on his forth and final stint with the Show, managed to bring off skillfully a traditionally poor role: non-singing lead in a musical comedy. Jack did it and did it well, and his quick, happy feet and hurt little boy grin made poor, unheroic Joe a very believable hero indeed. Dub Alston, a Course VIII senior, although failing at times to put over the character of his Storyteller, still fitted well into the tale, and at least *looks* like he should; when he "warmed up," he shone through nicely.

But for most of the audience most of the time, I would venture to say that the Show belonged to a freshman, Gus Solomons by name, and, by skill and dexterity, one of the most theatrical men I've ever had the pleasure of watching. Gus is a past master of that seldom-seen art, "The Big Gesture". His feet, his hands, his head—his whole being, in fact—are perfectly coordinated, and he uses them to punch over every line, push home each phrase. Even Miss Behrens, a master deliverer in her own right, had considerable trouble keeping up with him, and when they met in the "Heroes' Heroes" trio with Dub, it was a first class duel of blatantly good comics; the audience ate it up. Carole was on her own and at her best, however, when the last scene came around!

As a measure of success, "Djinn and Bitters" suffered more from an excess of talent than any other single factor. Due I imagine to the ability of several newcomers, the Show was arranged in a theatrically dangerous manner. In order to make it possible for Maureen Taylor to deliver one of the finest performances in the Show, she was written in for just one scene, and it, stopped the show with its own theme song. Fine. But you can't get away with it unless you're awfully good. Isabel Cantelini, as the haughty Mrs. Norton, did her "Lament" with considerable verve, but, had she failed to put the number over (as she almost did Thursday night), the pace of the show could have been seriously hurt. As it was, some of the solos went considerably better than others. Although well done by any standards, Sandy Taymore's "Happily", Judy Sterling's "Ereud was a Fraud", and Joan Icove's "Insane Melody" just didn't have the push necessary to stand by themselves against a backdrop of almost no plot, and even less exposition; this is far from legitimate criticism of the performers themselves, for whose work I have great regard. Especially in the case of Miss Icove, they were more sinned against than sinning: they gave most satisfying personal performances. But it points up the fact that the classroom concept of theatrical structure and character development really mean something!

What did go over, probably due in part to the fact that she was the only fully exposed character among the various "Dream Girls", were the two numbers by Charlene Heald as Roberta, the actress. Miss Heald has a fine voice. I hope she wasn't type-cast? Insane as was the refrain, Miss Cantelini, Dub Alston and chorus on "Go To Hell" caught the audience just right every night, and despite some breathy vowels and flubbed elocution, typified the generally above par choral work; although Bobby Shane, who led the sharp and nicely made "You're Ernest Hemmingway", could very well have "leaned on it" a little more, particularly Thursday, she still came over with a bang. Jerry Marwell, as well as directing, did a fine bit of flashy stage work with Jack Rosenfeld in "Apache Fight"; Coleman Bess and Nick Margulis, with supposedly little previous experience can put a line over with considerable skill; and Honey Levin, Jack's dancing partner in both the "Apache Fight" and

"Modern Dance" numbers, was fine. Miss Levin has warmth as an actress and skill as a dancer; she was great!

This again is not meant in a personal vein, for, in the rush and pressure accompanying any show, even the most skilled and patient overlook and make mistakes. Nevertheless, it would seem that the structural difficulties in the Show were preventable: too little exposition, and exposition lines "sluffed" or not emphasized, so that the audience was left without motivation for some of the characters; discontinuity in spots (uncomfortable gaps in the action). Thursday these things hurt the show, because the drive that sparked the Friday and Saturday shows, was not quite there to gloss them over. It's a professional, not an amateur fault, but it's worth thinking about, and maybe avoiding the next time.

Drama critics should keep their mouths tightly shut when it comes to music, but perhaps it is fitting to finish with words of praise for Morton Archter, who, with competence and even genius few would expect of any musician young or old, wrote every note and every phrase that made the music of "Djinn and Bitters" delightful. Tech Show '56 was, in short, a worthy effort; a big job well done.

Michael A. Hall '57

## Role Of The Value Consultant

Editor's Note: This is the fourth of five parts of Dr. Hartman's report on the area of value theory.

by Dr. Robert S. Hartman

In my counseling on a student's academic complaints I try to make clear to him the relationship between intrinsic value and extrinsic value in teaching, on the one hand, and learning, on the other. First I try to show him the intrinsic value of creative teaching, which means its rarity and pricelessness—to the point that some students agreed with me that to find one minute of such teaching in four years would be worth all the four years.

Secondly I try to show the student the peculiar difficulty of teaching the sciences. This difficulty has baffled educators for years. One of the country's leading teachers of education wrote me just the other day, concerning the differences between teaching science and teaching the humanities. Science teaching, he wrote:

... has always given me some trouble in my own educational theory. I can get inspired with insights into the function of the humanities and the arts as richly evocative of insights which they often do not literally intend to teach. The students not only come to live in a bigger world, but they live more perceptively. This makes the impractical studies the more practical of all in later life when the student is confronted with novel problems of a high order of generality. Moreover, the students get a sense for style in the larger sense, and this alone often makes all the difference. The professional schools of the university commonly fail to appreciate this. Consequently, they seem to turn to psychology rather than literature, and to literally directive philosophical theories rather than speculative and imaginative theory in an attempt to get in capsule form what can't be encapsulated.

But when it comes to the exact studies, the physical sciences, we have a different kind of problem. It is not enough to make the sophisticated observation that, of course, these studies really are not exact and that there is as much opportunity for creative thinking here as in the liberal studies. This is convincingly true only after most of a student's academic work is over. For the most part, he is dealing in exactly logical and quantitative thinking which he is ever trying to refine even further. There is something proper about reading one's own enhanced ideas into Goethe or Picasso, but this is improper about 99% of the time when reading chemical formulas. Teaching a science is a little like teaching a philosophy as doctrine, for commitment. He isn't supposed to think his own thoughts; he is supposed to think the right thought. That's what the teacher's or the priest's function is, to inform him. In this lies an obvious danger if one is teaching for the liberation of intelligence.

So far as my present thinking goes, the secret lies in the felt intellectual disposition of the teacher. Either he gets bogged down with the notion that he is teaching a body of self-evident and necessary truth and emanates this whole atmosphere in the classroom which the students contract by contagion, or the body of science or doctrine is represented as one of the human mind's significant adventures. In the latter case I should think the sciences themselves could be liberating if the teaching were punctuated with alternative turns that thinking might have taken or did take. And yet no less a mind than Whitehead, who would go along with all of this, modifies it by the introduction of his rhythm theory which allows a period of years in which students just soak up enormous quantities of exact and uncontested knowledge.

Value theory makes clear this baffling contradiction by defining precisely the creative intrinsic and the systematic extrinsic dimension of science and the teaching of it. By understanding these two dimensions the student will understand his own position and not confuse the values in question, either in himself or the teacher.

Thus, thirdly, I try to show the student his own intrinsic value and extrinsic function in the learning process. He does not go to M.I.T. for the sake of M.I.T. but for the sake of his own personal development. Such development, however, presupposes an exact knowledge of oneself and a precise goal to follow. If there is such a goal, any kind of teaching will prove profitable in the framework of one's own concept of oneself. The dissatisfaction with certain kinds of teaching shows a healthy distinction between extrinsic curriculum requirements and intrinsic character inclination; but if this dissatisfaction goes too far it shows a lack of self-definition. It does not discern the value of the extrinsic as *means* to the intrinsic end.

# Calendar Of Events

## WEDNESDAY, MARCH 7

Electrical Engineering Department. Colloquium: "Signals-Flow-Graphs." Professor Samuel J. Mason, Electrical Engineering Department. Refreshments in Room 10-280 at 4:30 pm

ROOM 10-275, 3:30 pm

Civil and Sanitary Engineering Department. Hydromechanics Seminar: "Hurricane Protection Studies for Narragansett Bay." Mr. Lincoln Reid, U.S. Army Engineers, Boston. Coffee in Room 48-208 at 3:45 pm

ROOM 48-208, 4:00 pm

Freshman Squash Team. Match with Harvard University

SQUASH COURTS 4:00 pm

Freshman Swimming Team. Meet with Brookline High School.

ALUMNI POOL, 4:00 pm

Mathematics Department. Colloquium: "Elastic Waves in Anisotropic Media." Professor J.L. Synge, the Institute for Advanced Study, Dublin, Ireland. Tea in Room 2-290 at 4:00 pm

ROOM 2-390, 4:30 pm

Order Of Demolay—M.I.T. Chapter. Stated Meeting. First Degree Refreshment will be served.

HAYDEN LIBRARY LOUNGE, 7:30 pm

## THURSDAY, MARCH 8

Aeronautical Engineering and Mathematics Department. Fluid Mechanics Seminar: "A New Method of Calculating Laminar Boundary Layers." Professor Henry Gortler, Director of The Institute of Applied Mathematics, University of Freiburg, Germany. Refreshment in duPont Room from 3:30-4:00 pm

ROOM 33-319, 4:00 pm

Physics Department. Colloquium: "The Structure, Formation and Properties of Guinier-Preston Zone." Professor Andre Guinier, Conservatoire des Arts et Metiers, Paris France.

ROOM 6-120, 4:15 pm

Lecture Series Committee. Film: "The African Queen," starring Humphrey Bogart and Katharine Hepburn. Admission 30 cents

KRESGE AUDITORIUM, 5:30, 7:30 and 9:30 pm

## FRIDAY, MARCH 9

Varsity and Freshman Swimming Teams. New England Intercollegiate Swimming Association Championship. Semi-finals.

ALUMNI POOL, 10:00 am, 2:00 pm and 7:30 pm

## SATURDAY, MARCH 10

Varsity and Freshman Swimming Teams. New England Intercollegiate Swimming Association Championship. Finals

ALUMNI POOL, 2:00 pm

Varsity Indoor Track Team. Meet with the University of Connecticut

ROCKWELL CAGE, 2:00 pm

M.I.T. Glee Club. Concert with the Connecticut College Choir and M.I.T. Symphony Orchestra, under the direction of Professor K. Liepmann. Program: Handel's "Israel in Egypt." Soloists: Helen Be Wright, soprano; Donald Sullivan, tenor; and Mary Langdon, alto. Student soloists: William Roberts ('58) and Michael Mintz ('57), both of the M.I.T. Glee Club. Tickets at \$1.00 are available in the lobby of Building 10, in Room 14-N236, and at the door.

KRESGE AUDITORIUM, 8:30 pm

## SUNDAY, MARCH 11

M.I.T. Humanities Series. Concert by The Hungarian Quartet, Zoltan Szekely (first violin), Alexandre Moskowsky (second violin), Denes Koromzay (viola), and Vilmos Palotai (cello). Program: Quartet in B flat major ("Hunt") by Mozart, Quartet No. 6 (Brazilero) by Lobos, and Quartet in F major, Opus 135 by Beethoven. Tickets \$1.50 are available in Room 14-N236 and at the door.

KRESGE AUDITORIUM, 3:00 pm

## MONDAY, MARCH 12

Meteorology Department. Seminar: "Conversions between Potential and Kinetic Energy in the Atmosphere." Mr. Barry Saltzman, Meteorology Department.

ROOM 12-182, 4:00 pm

## TUESDAY, MARCH 13

Food Technology Department. Food Industry Seminar: "Chemical and Antibiotic Developments and Their Relation to Progress in Food Technology." Dr. Randolph T. Major, Scientific Vice President, Me & Company, Rahway, New Jersey.

ROOM 16-310, 2:00-4:00 pm

Acoustic Laboratory. Seminar: "Noise from the Turbulent Boundary Layer." Dr. Robert Kraichman, Institute of Mathematical Sciences, New York University.

ROOM 20E-225, 4:00 pm

Food Technology Department. Annual Freshman Open House at Chowder Party.

ROOM 16-114, 5:00-7:30 pm

## WEDNESDAY, MARCH 14

Electrical Engineering Department. Colloquium: "Experiments with High-Energy Electrons." Professor John G. Trump, Electrical Engineering Department. Refreshments in Room 10-280, 4:30 pm

ROOM 10-275, 3:30 pm

Aeronautical Engineering Department. Seminar: "Some Fundamental Problems in Aeronautical Engineering." Mr. Harold Luskin, Assistant Chief of Aerodynamics, Santa Monica Division of Douglas Aircraft Company.

ROOM 3-270, 4:00 pm

Biology Department. Colloquium: "Polyglycine II and the Molecular Structure of Collagen." Dr. Alexander Rich, Physical Chemistry Section, National Institute of Mental Health. Tea in Room 16-114 at 3:30 pm

ROOM 16-310, 4:00 pm

Civil and Sanitary Engineering Department. Hydromechanics Seminar: "Hurricane Floods in Puerto Rico." Professor Gordon R. Williams, Civil and Sanitary Engineering Department. Coffee in Room 48-208 at 3:45 pm

ROOM 48-208, 4:00 pm

## ALL-TECH SING

The M.I.T. Baton Society will present the annual All-Tech Sing Kresge Auditorium at 8:30 pm on Saturday, March 17. Groups representing fraternities, dormitories, and commuters will compete for the All-Tech Sing Trophy and Egbert. Tickets at 80 cents will be on sale in the Lobby of Building 10 from March 12 to 16, and at the door.

## CALENDAR OF EVENTS

The Calendar of Events is distributed to the staff through the Institute's mails each Wednesday, with announcements for the following eight days. Notices should be in the editor's, Room 7-204, not later than noon on Thursday prior to the date of publication. Material for the Calendar of March 14-21 is due March 8.

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## Glee Club To Give Handel Presentation Saturday March 10

The MIT Glee Club and the Connecticut College Choir, assisted by the MIT Symphony Orchestra, will present Handel's *Israel In Egypt* at 8:30 p.m. on Saturday, March 10, in Kresge Auditorium. Klaus Liepmann will conduct the performance. Soloists will be Helen Boatwright, soprano; Mary Langdon, alto; and Donald Sullivan, tenor; student soloists will be William Roberts '58 and Michael Mintz '57, baritones, both of the MIT Glee Club.

An epic of truly monumental proportions, *Israel In Egypt* deals with the destiny of a people, rather than of individuals, and includes no less than 23 choruses, some of which are considered to be among Handel's finest. The oratorio is also notable for its brilliant orchestral effects.

Although *Israel In Egypt* is among Handel's major oratorios, it has seldom been performed in this area. After the MIT-Connecticut College presentation these two groups are scheduled for a second performance to be given on March 18 in New London with members of the Eastern Connecticut Symphony Orchestra, Arthur Quimby conducting.

Tickets for the March 10 concert are available at \$1.00 from the Music Office, Room 14-N236; they will also be on sale in the Lobby of Building 10.

### ACTIVITIES COUNCIL

The deadline for turning in ballots for the Class B representatives has been extended to 5:00 p.m., Wednesday, March 7.

## Charities Carnival To Be Saturday Disk Jockey Marlowe Featured MC

This Saturday MIT's first annual Charities Carnival will take place in the Rockwell Cage. The Carnival, which will run from 7 to 12 p.m., is the result of a year of work of a temporary subcommittee of Incomm. and renews an MIT tradition which was discontinued two years ago.

As in the past the Carnival will feature booths set up by living groups and stunts by professors. An added attraction being innovated this year is the inclusion of girls from numerous girls' schools in the vicinity including Fisher, Leslie, Brandeis, and others. Groups of these girls will assist the MIT groups in setting up and running the individual booths. It is expected that over seven hundred girls will participate, the largest group of members of the fair sex ever to participate actively in an MIT function.

An added feature in this year's event will be top Boston disc jockey Bill Marlowe who will emcee the Carnival and present a stage show. Marlowe's 85,000 member fan club, including many MIT students, is the largest of any disc jockey in the United States. The stage show will feature several top East Coast rock and roll groups, including Frankie Lyman's Teen Agers and the Valentines.

The money raised from the Carnival will be allocated to five international student charities, the most prominent of which is the World University Service. This charitable organization is devoted to improving education, particularly in backward parts of the world, by supplying

needed books and information on teaching techniques as well as financial aid. A portion of the funds donated to the World University Service is specified for the Molusi College in Ijebu Igbo, Nigeria. One of the leaders of this school, a recent graduate in physics from MIT, has devoted his life to the educational improvement of Nigeria.

## Distinguished Briton A. D. Little Professor For This Semester

Professor Hugh C. Longuet-Higgins, a distinguished British investigator in the field of molecular theory who is John Humphrey Plummer Professor of Theoretical Chemistry in the University of Cambridge, England, has been named Arthur D. Little Professor of Chemistry at MIT for the current semester.

Dean George R. Harrison of the School of Science who reported the appointment, also announced plans for a series of lectures on the application of chemistry of modern physical theories of atomic and molecular structure to be presented by Professor Longuet-Higgins during the next three months.

"Treating broadly the quantum mechanical basis of molecular phenomena," Dean Harrison said, "Professor Longuet-Higgins plans to include in these lectures applications to different fields of chemistry drawn from his wide experience in the theoretical study of chemical compounds and their reactions."

These lectures will be open to all chemists in the Boston area, as well as to the MIT community generally; they are being presented each Monday and Wednesday at 1:00 p.m.

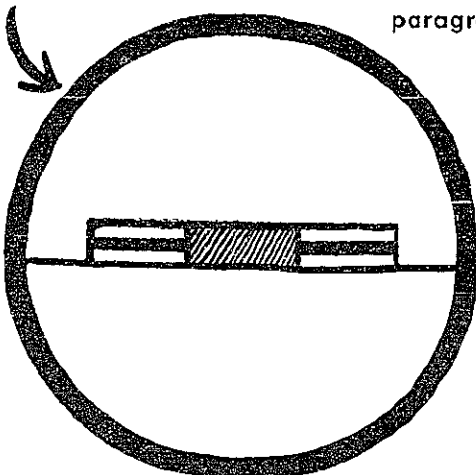
Professor Longuet-Higgins is one of Britain's outstanding younger scientists. His training was received at Oxford University where he took the M.A. and D.Phil. degrees.

In 1952 he was named Professor of Theoretical Physics at King's College, University of London, a chair whose tradition dates back to its first incumbent, James Clerk Maxwell. In 1954 Professor Longuet-Higgins succeeded Sir John Lennard-Jones in the Plummer Professorship at Cambridge. He is a Fellow of Corpus Christi College there.

He has served the British government and British industry in various capacities, and is a councillor of the Faraday Society. In 1951 the Chemical Society of London awarded him its Harrison Memorial Prize for the most meritorious series of research publications by a British scientist thirty years of age or under.

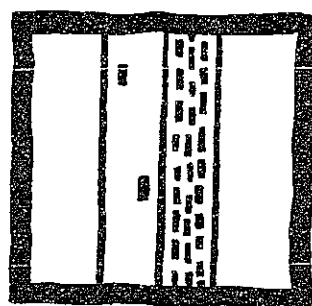
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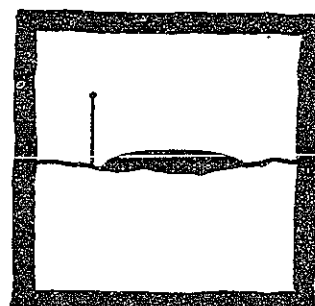


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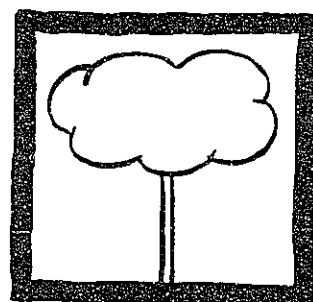
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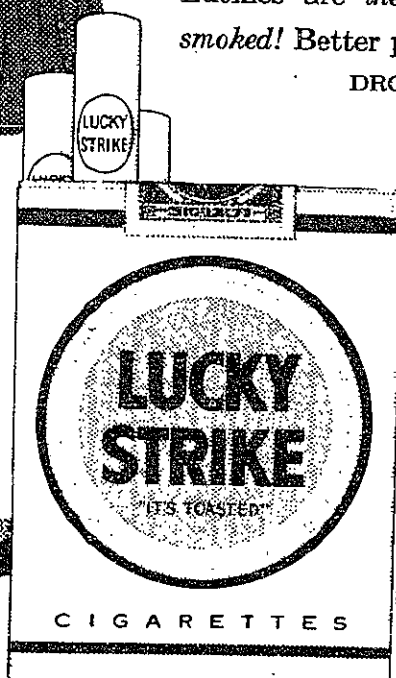


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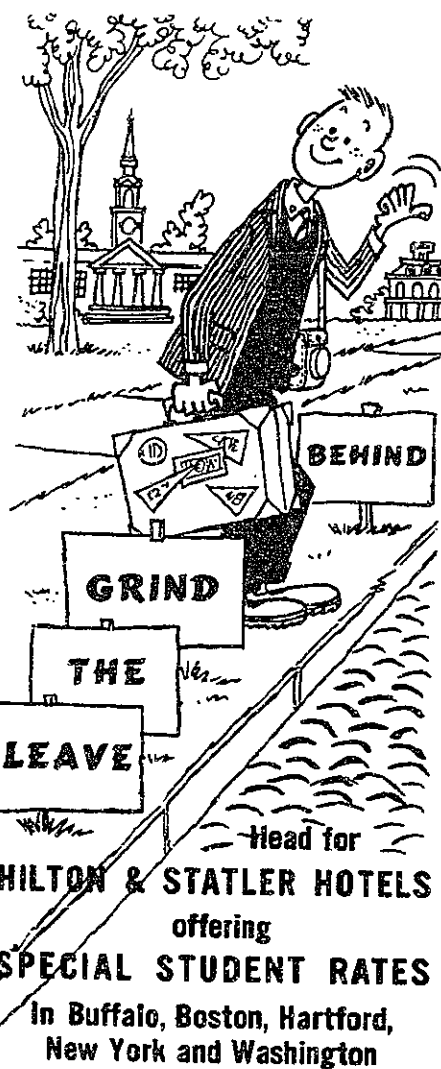
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beaver barks

Two of the outstanding basketball players in the history of MIT will close out their intercollegiate careers next Wednesday night at Shapiro Athletic Center, Brandeis University, when the Greater Boston All-Stars meet the New England All-Stars in a benefit game for the Basketball Hall of Fame. Admission is 75 cents for students and one dollar for adults. The game will begin at 8:00 p.m. and should prove to be a spirited battle.

This year's Co-Captains Dee Vergun '56 and Bernie Benson '56 will be the Beaver representatives in the contest, with Vergun tentatively slated for a starting spot on the local quintet.

Benson is a veteran of three years play, occupying a starting guard slot for all of the past season and for several games in his junior year. His floor play and clutch baskets have played a big part in every game this year.

Vergun has rewritten the entire basketball scoring books during his three year's stay at MIT. He was recently given Honorable Mention on the All-American team for the second straight year, and he finished high among the national scoring leaders with 409 points for a 24.1 point average. In his first year he led the East Campus intramural team to a tie for the championship and then paced the All-Stars to a perfect record and leave him with the top rounding schools. He was a regular center from his first day of varsity competition and set a new season scoring record last year. This year

his 409 points broke his previous record and leave him with the top two scoring seasons in the school's history. His 37 points against Lowell this year also established the single game record.

Other outstanding basketball players who will be picking up their sheepskins this spring include Larry Hallee, sparkling forward who at times played some of the best basketball of the team. Hallee was a two year starting veteran, and his spot will be hard to fill next year. John Patierno moved into his own as an outstanding guard this season after two seasons of occasional play, Patierno became a regular during the middle of the season and his deadly set shots helped take the scoring load off the front line. Phil Platzman and Matty Matsuo will also be lost by graduation. Both were strong second-line performers, moving into starting slots on important occasions to turn in brilliant performances.

All in all, next year's prospects look very good, with several good guards back and sophomore regular Mac Jordan around to anchor the front line.

Next year's winter sports scene will also find many other regular faces gone from the campus. Goal-keeper Sandy Aitken has finished his last hockey game for the Cardinal and Grey and his skates will be hard to fill. High scorers Captain Sullivan and Gus Schwartz will leave a gap in the center ranks of the team when they depart in June. Defenseman Jim Coult and Jim Royer will also be

(Continued on page 7)

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# MIT Finishes Disappointing 6th, Springfield Wins Wrestling Title

Springfield College won its sixth straight New England Intercollegiate wrestling title with three championships, two seconds and a third place. Scoring 79 points to nearest competitor Wesleyan's 48, the Gymnasts had virtual possession of the Rockwell Trophy by the end of Friday night's semi-final session.

MIT finished a disappointing sixth among the nine schools, with no men reaching the finals. The best the Engineers could show were three fourth places at 147, 157 and 167 pounds. Tech was beaten by Coast Guard and Tufts, both of whom had fallen to the Beavers in dual meets.

Ed Amerantes and Joe Alissi of Springfield repeated their championship performances of a year ago, although former titlist Dunc Patten, Amherst heavyweight, was pinned in the finals by Derham of the Coast Guard Academy. Alissi was voted outstanding wrestler of the tournament by the coaches. Winning four matches, three by falls, he scored sixteen points, as many as all of MIT's team.

Twin brothers from Wesleyan, the Davies boys, became twin champions when they each defeated a Springfield man in the 157 and 167 pound finals. Other winners were Jim Grammentine from Wesleyan at 137 pounds and Henry Bianowicz from Springfield who took the 147 pound crown.

Tech's Captain John Hirschi, Harris Hyman, and Mike Brenner all picked up fourth places after being

beaten in the semi-finals by the first place winners. Brenner wrestled an inspired semi-final, losing to George Davies by one point in the final minute. Ken Jones also wrestled a terrific semi-final bout, but lost a heart-breaking decision to Derham on a time advantage.

Freshman Bob Couch, after losing



Beaver Matman Going Down In New Englands Friday

in the semi-finals, went on to win the consolation round to take third place, beating the Wesleyan 167-pounder in the second overtime period. Bob Blum was the only other '59er to make a showing, taking fourth at 137.

## from the stands Looking Back

Winter teams win 43 per cent of their games . . . one point loss to Harvard in basketball before overflow crowd in Rockwell Cage highlights a record breaking season . . . Vergun sets new season and game hoop records . . . White and Duane set new school swimming marks in 200-yard breaststroke and 150-yard individual medley relay respectively . . . Morefield smashes shotput record and is second in IC4A weight throw . . .

Captain Sullivan's 12 goals and 7 assists edge Goodison's 10 scores and 7 assists for hockey scoring lead . . . Hirschi, Vertin, and Hyman lead wrestlers to successful season . . . Weightlifters and Fencers both take New England crowns . . .

Presence of many sophomores on varsity teams gives hope for future . . . Jordan and Larson in basketball; Ekberg in hockey; Johnson, Kohlman, Veeck, and others in swimming; Ortler and Hyman in wrestling; and Ernberger, Carter, Duffy, Murdoch, and Bell in track, all stand out for '58 . . .

Formation of a JV basketball team, winners in five of eight games, also points to the future . . . Frosh teams also show promise despite unimpressive records . . . Larger crowds, radio coverage by WTBS, and a revamped cheerleading squad point out improved student support of teams . . . All in all, pre-season hopes are dimmed, but frequent close contests with outstanding opposition gives MIT a creditable rating . . .

# New Hampshire Drops Trackmen; Field Event Weakness Big Factor

A seasoned University of New Hampshire track team invaded the Briggs Field oval Saturday to capture both Freshman and varsity meets. The varsity running events were nip and tuck all the way with the lead alternating between the two teams. Hoffman '56 sprinted a near record 50-yard dash to even up a UNH hurdle win in the first event. The mile was a

The 300-yard dash was close with Roxy Ernberger '58 losing his heat by a yard for second and Hoffman '56 winning his heat by a foot for third. Glenn Bennett '58 and Pete Carberry '56 pushed Rasmussen of UNH for the 1000-yard run and finished second and third respectively.

The Tech varsity was badly outclassed in the field events by UNH's depth. Tech's only double winner was John Morefield '56 who slung the 35 lb. weight 59' 1 1/4" and heaved the 16 lb. shot 51' 5". UNH took an easy nine points in the high jump without a single Tech man competing in the event. UNH blanked Tech again in the broad jump with only two Tech sprinters competing. The final score in the varsity meet was UNH 66, MIT 42.

The badly undermanned MIT freshman team fought a hard losing battle. Bob Williamson gave Tech's frosh its only first place by taking the 50-yard dash in 5.9 seconds. Williamson returned in the 300-yard dash for a second place. Other frosh runners placed third in the hurdles, second and third in the 600 yard run, second in the 1000 yard run, and third in the mile. George Yerir took second in the shot and third in the 28 lb. weight. Bob Muh was second in the pole vault and third in the broad jump. The final score was UNH 71 1/2, MIT 26 1/2.



Morefield Putting Shot In Saturday's Meet

hard fought race as Ed Carter '58 missed catching UNH's Williams by a yard at the tape. The 600-yard run provided an exciting blanket finish with Dick Murdock '58 bettering UNH's Fish by a tenth of a second.

### SUMMARY OF VARSITY EVENTS:

- Hurdles: 1. Desjardins, UNH; 2. Lassinger, MIT; 3. Ernberger, MIT. Time: 6.2 sec.  
50 yd. dash: 1. Hoffman, MIT; 2. Fowler, UNH; 3. Couture, UNH. Time: 5.5 sec.  
300 yd. dash: 1. Couture, UNH; 2. Ernberger, MIT; 3. Hoffman, MIT. Time: 34.1 sec.  
600 yd. run: 1. Murdock, MIT; 2. Fish, UNH; 3. Bell, MIT. Time: 1 min. 17.6 sec.  
1000 yd. run: 1. Rasmussen, UNH; 2. Bennett, MIT; 3. Carberry, MIT. Time: 2 min. 23.8 sec.  
1 mile run: 1. Williams, UNH; 2. Carter, MIT; 3. Carberry, MIT. Time: 4 min. 44.0 sec.  
2 mile run: 1. Vedeler, UNH; 2. Randle, UNH; 3. Mott, MIT. Time: 10 min. 17.5 sec.  
High jump: 1. Carter, UNH; 2. Fowler, UNH; 3. Reuter, UNH. Height: 5'7".  
Broad jump: 1. Reuter, UNH; 2. Fowler, UNH; 3. Schulten, UNH. Distance: 21' 9 3/4".  
Pole vault: 1. Carter, UNH; 2. Maglione, MIT; 3. tie—Dieselman, MIT, and Wetzell, MIT. Height: 13'.  
16 lb. shot: 1. Morefield, MIT; 2. Johnson, UNH; 3. Hassell, UNH. Distance: 51'5".  
35 lb. weight: 1. Morefield, MIT; 2. Johnson, UNH; 3. Ingelstrom, UNH. Distance: 59' 1 1/4".



**John E. Young** is working toward his B.S. in chemistry from California Institute of Technology this June. He has maintained honor standing in classwork while serving on the school newspaper, in the debating society, and as treasurer of the student body. John is interested in chemical research and development.

John Young asks:

**How does  
research  
differ from  
development  
work at Du Pont?**

John Aaron answers:



**John B. Aaron** worked for Du Pont as a summer laboratory assistant even before he graduated from Princeton with a B.S. in 1940. After military service he obtained an M.S.Ch.E. from M.I.T. and returned to Du Pont in 1947. Over the years he has had many opportunities to observe Du Pont research and development work. Today John is process and methods supervisor at the Philadelphia Plant of Du Pont's Fabrics and Finishes Department.

Well, John, it's hard to define the difference in a way that will satisfy everybody, because one always finds a lot of overlapping between research and development work. But most people agree that there are differences, especially in time sequence. Research work comes first, because one of its main objectives is to establish or discover new scientific facts that will supply the foundation for new industrial developments. In other words, research men seek new knowledge about matter, generally working with small quantities of it.

Development work comes later, and Du Pont has two main types. First, there is *new process* development. Here scientists and engineers modify, streamline, and augment the findings of research so that new chemical products can be profitably made on a large scale—or existing products can be made by newer and more efficient methods. Pilot-plant and semi-works operations are usually included under this heading.

Second, an important kind of development work is directed toward improvement of *existing processes and products*. Here the men study how to obtain yield increases, utilize by-products, increase outputs, and solve sales service problems as they arise. This may require considerable research, and that brings us back to the overlapping I previously mentioned.

There are genuine differences, John, but a good deal of similarity, too—especially in the constant need for imagination and creative effort. I think you'll find that research and development work are equally challenging and rewarding at Du Pont.

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## Hungarian Quartet To Present Concert In Kresge Sunday

The MIT Humanities Series will feature the Hungarian Quartet, with Zoltan Szekely (first violin), Alexandre Moszkowsky (second violin), Denes Koromzay (viola), and Vilmos Palotai (cello), at 3:00 p.m. on Sunday, March 11, in Kresge Auditorium.

The program will include Mozart, Quartet in B flat major, K 458 ("Hunt"); Villa Lobos, Quartet No. 6 (Brazileiro); Beethoven, Quartet in F major, Opus 135.

Tickets, at \$1.50 (student price \$1.00), are available at the Music Office, Room 14-N236, Extension 892, from 9-12 and 1-5, Monday through Friday.

Said Olin Downes, music critic for the *New York Times*, of a recent New York performance by the Hungarian Quartet:

"We listened to a group of four string players, profoundly versed in their art, who sat down as informally as if they were alone together in their shirtsleeves, finding incomparable happiness and solace for all the ills that a troubled world might bring in making music together. It was playing that was farthest from the precision hitting, smooth shellacked, crack quartet sort which could be imagined. These men lived in the music and the music lived in them. There was no need to carefully remember a rehearsed effect, a special pause or balance. With an enviable background of experience and of living tradition, these men played instinctively together . . . and in a way which went straight from heart to heart."

## Activities Council In Cadet Status Change; Wait On Class B Rep.

At the March 1 meeting of the Activities Council the Army and Air Force ROTC Cadet Staffs were accepted as provisional Class B activities.

At the previous meeting of the Council, Alpha Phi Omega had requested Class A status. The investigating committee appointed at that time returned a favorable report. The results of the Council's vote will be available after absent members have been polled.

The Council unanimously voted to split the office of Secretary-Treasurer into two offices. The Secretary will take care of the minutes and correspondence, while the Treasurer will keep the books, maintain liaison with the Finance Committee, and be the Council's representative to the newly formed Finance Board.

The changeover meeting of the Council will be held Thursday. At this time M. Philip Bryden, President of the present Council will present his report of the activities of the Council. The old Council will then be dissolved, and the new one will convene for its election of officers.

At the present time the Class B activities are voting for their 5 representatives to the Council. The candidates are: from the Professional Societies and Honorary Groups: Robert Batchelder and Benjamin J. Woznick; from the Religious Activities: Edward O'Brien and Lawrence Vaughan; from the Hobby, Musical, and Dramatic Groups: Alan Budreau and Ira D. Holtzman; from the non-professional Honor Societies: Alan Fitzpatrick, S. Richard McLaughlin, and A. Upton Rehnberg; from the Social Activities: Stanley C. Fenster and David J. McGrath, Jr.

## hair hair hair

what did Maud have,  
W.B.Y. long for?

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## Yearling Swimmers Sink Gardner High; Year's Sixth Victory

In the surf of the Greenwood Pool the Freshman swimmers came through with their sixth win of the season. The yearling mermen took Gardner High, current intercollegiate champions, in a 42-35 contest.

Chuck Fitzgerald barreled through the tide to win the 50-yard freestyle in 1:26.2, a very creditable time under the conditions. Jack Kossler of Tech tossed out Wood of Gardner for second place. Co-captain Lynn Jacobson sailed down a breaststroke win with a 1:12.8 time. John Hruzra grabbed third spot for the Merrittmen.

Gardner's Kendall nipped the Beaver's Bob Brooker and Paul Brosens in the 200-yard freestyle event. Neil Levine and Billy Towle put MIT out front with a one-two finish in their backstroke specialty. Their time was good 1:11.0. The count then stood 26-10. In the 100 freestyle contest, Gardner's Gliniski nosed out Roger Kane and Ed Getchell in 1:02.1, a time which both Techmen have consistently beaten all season.

Aerial specialist Dave Cahlander came back from a head blow in practice to take an easy second to Gardner's sectional champ, Arsenault. Bob Baker grabbed third place for the Engineers.

Roger Kane and Bill Towle nailed down first and second in the 150-yard individual medley to insure a sweep victory, making the tally 42-10. Gardner took the two final relays. Coach Merritt used his entire squad. Wilson, Latimer, Finn, and Fitzgerald dropped the freestyle relay to Gardner and the yearling mermen emerged with win number six.

Today the Frosh swimmers compete their dual meet season with the Brookline High contest which will be held in the Alumni Pool at 4 p.m. A sweep here will give the squad a 7-2 record for 1955-56.



Medleyman Harry Duane enroute to Win in Saturday's Win Over RPI

## Swimmers Sink Worcester 60-24 Taking 9 Firsts and 3 Seconds

Finishing off their season in stellar fashion, the MIT tankmen swam away with a 60 to 24 victory over Worcester Poly this past Saturday in the Alumni Pool. The only event which the Tech natators lost was the final relay.

The opener, the medley relay, was won by Al Hortmann '58, Paul Cotter '57, and Dave Staples '57. The second event, the closest of the afternoon, the 220, was won by Murray Kohlman '58 of MIT in 2:44.0. Sam McIntosh '57 of Tech was fourth, only 2 seconds behind in a 2:46.0. The Beavers picked up another 6 points as Carter Smith '58 won the 50, with Frank Salz '57 taking third. Harry Duane '57 was a few tenths of a second off of his own record as he finished the 150 individual medley in 1:43.3. Les Sodickson '58 took second in this event to give Tech another 8 points. The diving was won by Dave Bryson '57, with Dan Holland '58 of Tech picking up second Will Veeck '58 won the 100. The backstroke was won by Al Johnson '58, who has only been defeated twice this year, and Jim Jacobsen '56, who has always been ready to go for Tech, took third. The 440 was won by Les Orloff '58 in 6:05, as Al Hortmann '58 finished

the distance on his back for a third. The breaststroke, the final dual event of the season, was won by Bob Hull '57. Bob, an ex-freestyler, has come a long way in this event and should really help the team along next season. Second place went to Freddy White '56, captain of this year's squad. Freddy has done a fine job in leading the squad this year; he's kept morale as high as it has been at Tech in a long time. The final relay went to WPI, although Holland opened up a big lead as first man and White did a fine job at anchor.

### BEAVER BARKS

(Continued from page 4)

sorely missed on the ice next year.

Only one man departs from the wrestling team, but John Hirschi's influence as this year's captain and regular grappler for three years will not be easy to replace.

Captain Fred White is the only senior leaving the swimming team this year, but has been a regular and important man on the squad for three years.

In all the winter season has been very successful, with two New England Championships already taken by Engineer squads and several left to go.

## Ekberg's Goal In Final Period Gives Icemen 3-2 Win Over UNH

The 1955-56 hockey season ended on a successful note Saturday afternoon as the Engineers came from behind to edge New Hampshire 3-2 at Durham. Goalie Sandy Aitken '56, in his last appearance in the Tech nets, turned in another outstanding performance. Defenseman Paul Ekberg '58 scored the winning goal midway in the third period.

Tom Buffett '57 shot Tech into the lead early in the game as he scored unassisted at 4:28 of the first period. For the remainder of the period both teams had several close calls but were unable to hit the nets. Pete Pritchard tied it up for the Wildcats early in the second period, and Ernie Twombly but them ahead 2-1 at the 18:20 mark.

The Beavers bounced right back in the third period with Gus Schwartz '56 scoring unassisted on a long shot from just inside the blue line. Play picked up at this point as both teams battled for the tie-breaking goal. Several penalties against MIT put the pressure on Aitken, but he was able to keep the nets clean. The winning goal came on quite an interesting play at 10:40, as Ekberg, playing defense, picked up the puck

and brought it across center ice and into the Wildcat zone all by himself. A New Hampshire defenseman cut in front of Paul, and at the same time he lost control of the puck and somehow it managed to slide past Goalie John Barry to give Tech the final 3-2 margin. With two minutes to go in the game a penalty to Ekberg put Tech a man down and at the same time New Hampshire yanked their goalie to make them two men up. Some good defensive play by Bev Goodison '57 and Jim Coult '56 added to some fine saves by Aitken kept the puck out of the goal.

The season, which ended up with four wins and nine losses, proved to be somewhat disappointing, though never lacking thrills. A better than average team on paper, the pucksters had the misfortune of playing their best against strong opposition where it was fruitless, and looking their worst against teams they could have beaten. Outstanding throughout the year for the Beavers, Aitken's average of over 37 saves per game, including 64 at Princeton, are far better indication of his value to the team than his defensive average of six goals.

## Squash Team Bows To Yale 8-1 Hermosilla Only Victor For Tech

Closing their regular season with a disappointing 2-8 record, The Engineer squash team bowed to a strong Yale squad, 8-1. Juan Hermosilla '57, playing number one, was the only winner. In downing Yale's highly rated Warren Zimmerman, the Guatemalan was at the top of his game only in the third set. Lacking the precision that usually characterizes his game, he was unable to win with his corner shots. Eventually it was his court covering and stamina that enabled him to down the tall, husky Zimmerman.

The scores: Yale 8 MIT 1  
J. Hermosilla (T) d. W. Zimmerman

(Y) 15-10, 12-15, 15-7, 14-15, 15-9  
R. Williamson (Y) d. H. Cohen (T) 15-8, 15-12, 15-10  
E. Meyer (Y) d. A. Hahn (T) 15-11, 15-12, 16-15  
N. Vare (Y) d. R. Mendes de Leon (T) 15-10, 15-9, 15-12  
H. Sloane (Y) d. P. Vinson (T) 15-10, 15-9, 15-12  
15-7, 15-10  
R. Ragen (Y) d. W. Bateman (T) 15-8, 15-12, 15-7  
G. Unhoch (Y) d. P. Shober (T) 15-3, 15-6, 15-4, 15-7  
W. Barhite (Y) d. C. Diebold (T) 15-2, 15-9, 15-7

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